

<b>Project #</b>	<b>72-20-01</b>	<b>Project Title</b>	Elevation Data Improvement (LiDAR)
<b>Department</b>	<b>Planning and Zoning</b>	<b>Manager</b>	Jeff Schuler, Jeff Hartman
<b>Phase</b>	<b>Implementation</b>		
<b>Budget Action</b>	Update \$, Scope	<b>Date</b>	February 27, 2015

CAPITAL BUDGET SUMMARY						
Year	2016	2017	2018	2019	2020	Total
Project Phase	Implement					Project
Expenditure Budget	248,350					248,350
Revenue Budget	(217,125)					(217,125)
Net County Cost	31,225	0	0	0	0	31,225
<b>COST DOCUMENTATION</b>			<b>REVENUE</b>			
Architect/Engineering		0				164,125
Land		0				53,000
Land Improvements		0				0
Building		0				0
Building Improvements		0				0
Plans		0				0
Project Manager/Contractor		248,350				0
Site Preparation		0				0
Equipment		0				0
Furniture		0				0
Fixtures		0				0
Advertising/Legal Notices		0				0
Total Project Cost		248,350				217,125
Expenditure Budget		31,225				31,225
						Total Revenue
						217,125
						Revenue Budget
						31,225

**Project Scope & Description:**

This project will collect elevation data County-wide. The elevation information will support creation of two (2) foot contours using Light Detection and Ranging (LiDAR).

**Location:**

Countywide

**Analysis of Need:**

Portage County lacks accurate elevation information. There are many applications for improved elevation information, including: supporting engineering design projects such as ditching and storm water detention basins for the Highway and Land Conservation departments, improve flood risk mapping, allow modelling the impact of conservation practices, aid sighting and design of agricultural, commercial and industrial building projects.

**Alternatives:**

There is an opportunity to build partnerships with other public and private agencies to reduce cost. The \$236,325 amount represents a proposal including significant contribution from the Department of Administration Strategic Initiative grant and a multi-county grant from the U.S. Geological Survey 3D elevation program (3DEP), along with contribution from the County's Land Records Modernization fund.

**Ongoing Operation Costs:**

None

**Previous Action:**

2016-2021 Capital Plan: New.

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Budget Action	Update \$, Scope	Date	February 27, 2015

2017-2022 Capital Plan: Update \$, Scope



<b>Project #</b>	<b>72-20-02</b>	<b>Project Title</b>	2020 Aerial Photography
<b>Department</b>	<b>Planning and Zoning</b>	<b>Manager</b>	Jeff Schuler, Jeff Hartman
<b>Phase</b>	<b>Implementation</b>		
Budget Action	As Planned	Date	February 27, 2015

2017-2022 Capital Plan: As Planned